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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q63851

Michihiro OHSUGE

Appln. No.: 09/828,237

Group Art Unit: 2681

Confirmation No.: 5626

Examiner: Unknown

Filed: April 9, 2001

For: MULTI-PATH DETECTING CIRCUIT AND SYSTEM

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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. JP-A-10-313267, published November 24, 1998 to NEC Corp., with English Abstract.
2. JP-A-11-17649, published January 22, 1999 to Kokusai Electric Co., Ltd., with English Abstract.
3. JP-A-2000-49751, published February 18, 2000 to Toshiba Corp., with English Abstract.
4. JP-A-2001-148640, published May 29, 2001 to NTT Docomo Inc., with English Abstract.
5. JP-A-10-271034, published October 9, 1998 to Matsushita Electric Ind. Co., Ltd., with English Abstract.

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6. JP-A-11-274982, published October 8, 1999 to Sony Corp., with English Abstract.
7. JP-A-2000-78106, published March 14, 2000 to NEC Corp., with English Abstract.
8. European Patent Application No. 0 945 995 A2, published September 29, 1999 to Sony Corp.
9. WO 99/57819, published November 11, 1999 to Ericsson Radio Systems AB.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

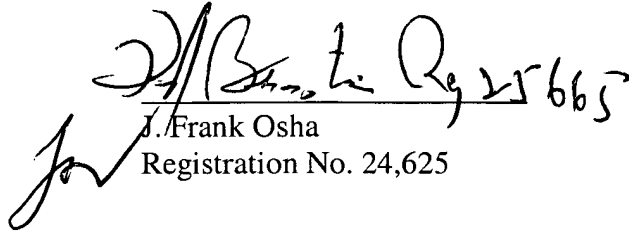
In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Japanese Office Action dated February 4, 2003 with an English translation of the pertinent portions thereof which cites References 1-7 above and indicates the degree of relevance found by the Japanese Patent Office. References 8-9 are cited in an Office Action issued by the European Patent Office on January 8, 2003.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

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waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,


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WASHINGTON OFFICE



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PATENT TRADEMARK OFFICE

Date: April 8, 2003



Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/828,237
Confirmation Number	5626
Filing Date	April 09, 2001
First Named Inventor	Michihiro OHSUGE
Art Unit	2681
Examiner Name	Unknown
Attorney Docket Number	Q63851

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	10-313267	A	11-24-1998	NEC Corp.	Abstract
		JP	11-17649	A	01-22-1999	Kokusai Electric Co., Ltd.	Abstract
		JP	2000-49751	A	02-18-2000	Toshiba Corp.	Abstract
		JP	2001-148640	A	05-29-2001	NTT Docomo Inc.	Abstract
		JP	10-271034	A	10-09-1998	Matsushita Electric Ind. Co., Ltd.	Abstract
		JP	11-274982	A	10-08-1999	Sony Corp.	Abstract
		JP	2000-78106	A	03-14-2000	NEC Corp.	Abstract
		EP	0 945 995	A2	09-29-1999	Sony Corp.	
		WO	99/57819	A1	11-11-1999	Ericsson Radio Systems AB	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.